

RAW SEQUENCE LISTING

DATE: 11/05/2001

PATENT APPLICATION: US/09/774,203A

TIME: 18:44:14

Input Set : N:\jumbos\774203A.txt

Output Set: N:\CRF3\11052001\I774203A.raw

ENTERED

1 <110> APPLICANT: Penn, Sharron G.
 2 Rank, David R.
 3 Hanzel, David K.
 5 <120> TITLE OF INVENTION: METHODS AND APPARATUS FOR PREDICTING, CONFIRMING, AND
 DISPLAYING

RECEIVED

FEB 06 2002

TECH CENTER 1600/2900

6 FUNCTIONAL INFORMATION DERIVED FROM GENOMIC SEQUENCE
 8 <130> FILE REFERENCE: MDhMORF-1
 10 <140> CURRENT APPLICATION NUMBER: US 09/774,203A
 11 <141> CURRENT FILING DATE: 2001-01-29
 13 <150> PRIOR APPLICATION NUMBER: US 60/180,312
 14 <151> PRIOR FILING DATE: 2000-02-04
 16 <160> NUMBER OF SEQ ID NOS: 6
 18 <170> SOFTWARE: Molecular Dynamics Sequence Listing Engine
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 350
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 25 <400> SEQUENCE: 1
 26 tttttttttt tgcaagcaga taaaggctta ttttacttta atggctgac tatgtaatca 60
 27 cggaggccag tatgtacaca caaaggggca gcttttatct cttggtctct tcttccttgg 120
 28 acaaagtctt gatgatctcc tcttcttgg cctggagggt ctcttcatag ctcttgtgtg 180
 29 ctctccttgg ctttagatctg cgggcctcag cctgatcagc caggagcttc ttgcgggect 240
 30 tgtctgcctt cagcttgtgg atgtgttcca tgagaatctg cttgtttttt aacacattcc 300
 31 tcttcacctt caggtagcagg ctgtgataca tgcggcgatc aatcttttta 350
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 500
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Homo sapiens
 38 <400> SEQUENCE: 2
 39 cagtccacat gggtagaagc cctgaaacct caaatgtaca tcagaattac ctgtggagtt 60
 40 gttttttttt tttttttttt ttttttgcaa gcagataaag gctttattta ctttaaatggc 120
 41 tgatctatgt aatcacggag gccagtatgt acacacaaag gggcagcttt tatttcttgg 180
 42 tctcttcctc cttggacaaa gtcttgatga tctctcctt cttggcctgg aggtgctctt 240
 43 catagctctt gtgtgcttcc ttggtcttag atctgcgggc ctcagcctga tcagccagga 300
 44 gcttcttgcg ggccttgtct gccttcagct tgtggatgtg ttccatgaga atctgcttgt 360
 45 tttttaacac attcctcttc accttcaggt acaggctgtg atacatgcgg cgatcaatct 420
 46 tcttagattc acggtatctt ctgagcagcc ggtgcagaat cctcattctc ctcattccag 480
 47 tgaccttctc tggcattcgg 500
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 75
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Homo sapiens
 54 <400> SEQUENCE: 3
 55 tatggtatct tcttatagca acaaaaaata aagatggggg ggagaaatat atttatagaa 60
 56 agtatctttt taagt 75
 58 <210> SEQ ID NO: 4
 59 <211> LENGTH: 500
 60 <212> TYPE: DNA

RAW SEQUENCE LISTING

DATE: 11/05/2001

PATENT APPLICATION: US/09/774,203A

TIME: 18:44:14

Input Set : N:\jumbos\774203A.txt

Output Set: N:\CRF3\11052001\I774203A.raw

61 <213> ORGANISM: Homo sapiens

63 <400> SEQUENCE: 4

```
64 agtatggagc ccccttcacg ggacaggtgg ctttaagaag aggaagagag acctgagctg 60
65 gcagggaactc tcttaccctc tcaccatgtg atgccctcca catgttatga tgcagcaaga 120
66 aggccctcac tggttgctag tgccatgctc ttcgacttcc cagcctgcag aactataaga 180
67 aataaaactta ttttctttat aacttacaca tttatgggtat tttcttatag caacaaaaaa 240
68 taaagatggg gtggagaaat atatttatag aaagtatttt ttaagtataa tgagaaatta 300
69 gacataatgt ttttaactct agagaaattg aaaacagagc acagcacatc ggataaattc 360
70 aataactatc ttaagaatca gcaaaacaac atgcagatgg ctgattggca atagtttcag 420
71 taggcagatt ttgattaaaa taaagaaaaa ctttttaata attaaacctc tccttaaaac 480
72 attatgactt tatgaggtaa                                     500
```

74 <210> SEQ ID NO: 5

75 <211> LENGTH: 125

76 <212> TYPE: DNA

77 <213> ORGANISM: Homo sapiens

79 <400> SEQUENCE: 5

```
80 tcttcattat taatcactct taaacctctt cttcaatctt ctccatcatgt ttaatttctc 60
81 ccttatctta tcttcataac tcagtgccat tctcccttca taacaacaga agctgacatt 120
82 ggagg                                     125
```

84 <210> SEQ ID NO: 6

85 <211> LENGTH: 500

86 <212> TYPE: DNA

87 <213> ORGANISM: Homo sapiens

89 <400> SEQUENCE: 6

```
90 tcataccta tttatataaag cacactacaa tcttaattta acaatccatt ccaaattcca 60
91 ataactctca gtgttgagat attttttcca tacagcctaa agtgcacata tttagacatt 120
92 tctccacca tctcctttgc acacgaaaag ttggtaaacg acctcattat actagtagcc 180
93 tttcatatc ttcattatta atcactctta aacctcttct tcaatcttct cctcatgttt 240
94 aattttctcc tttatcttct ttcataactc agtgccattc tcccttcata acaacagaag 300
95 ctgacattgg aggagtatca gccaatgtgt accgctcttt ccctactgtg gtccactgtc 360
96 acccctaact attttatgaa taggattcct atttctagag aagaaaacgc agacttgagg 420
97 aggttgagta agttgcctag gaatgtgaag ctgggggtgta gcagaagggg gtcgacgtca 480
98 ggtctggata cctcaccgtg                                     500
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/774,203A

DATE: 11/05/2001

TIME: 18:44:15

Input Set : N:\jumbos\774203A.txt

Output Set: N:\CRF3\11052001\I774203A.raw